

# Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

March 2005

Volume 6 Issue 3



## Indiana QSO Party

Please mark Saturday, May 7 on your club's activity calendar, and plan to make your county very visible in the Indiana QSO Party, 1600 Z - 0400 Z. This weekend coincides with the New England QSO Party and the MARAC County Hunters CW weekend, so there WILL be lots of stations from outside

Indiana looking for you. There's a bonus for working the Indiana Radio Club Council's Buffalo Stampede station (call tentatively W9DUU)

In addition to competing for awards, you can also collect counties for the Worked All Indiana Award.

Both INQP and the WAI are sponsored by Hoosier DX and Contest Club.

Rules for INQP are at [www.hdxcc.org](http://www.hdxcc.org)

Hope to work you on May 7

Me!, KJ9C

## IRCC Technical Excellence Award

Spring is just around the corner and it's time for all Indiana amateur radio clubs and organizations to consider one of their own as a nominee for the 2005 IRCC Technical Excellence Award.



Each year the Indiana Radio Club Council selects one Hoosier ham to receive this prestigious award during the Indianapolis Hamfest at Camp Sertoma.

To qualify send a one page description of how this person uses their technical abilities to help their club, community or other amateur radio operators. This award is for the unsung heroes that continue to give of their time, talents and technical expertise to make a difference in amateur radio. Please be as detailed as possible when writing the candidates bio.

Deadline for entries is Midnight Friday June 10, 2005. E-mail your entry to: [w8ish@arrl.net](mailto:w8ish@arrl.net) or [jparker@iquest.net](mailto:jparker@iquest.net). Our committee looks forward to hearing from you. The Technical Excellence Award will be presented July 9th at the Indianapolis Hamfest.

Jack Parker W8ISH  
IRCC Vice-Chairman

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Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, [wb9uza@arrl.net](mailto:wb9uza@arrl.net). Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

**Deadline for April issue is Friday, 4/1/05.**  
**Please do NOT send anything in all caps!!**

## Internet Home Pages:

**Fort Wayne Radio Club:**  
<http://www.fortwayneradioclub.org>  
**ACARTS:**  
<http://www.acarts.com>  
**Ft Wayne DX Association:**  
<http://www.qsl.net/fwdxa/>

# Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

## Officers

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## President's Corner



The annual Skywarn training joint meeting with ACARTS was a great meeting. As always we had a great turnout, around 60 people. Everyone learned something and we had a good time in the process. Special thanks from the radio clubs to

Sam Lashley from the National Weather Service for his time with us. Remember that the advanced spotter training is coming up in March. Hopefully we will see you there as well.

Due to a scheduling conflict at the church the March FWRC general meeting will be Friday March 11, 2005 at 7:00 PM at the Good Shepherd church. See the bottom right corner of the page for directions. The subject will be on portable antennas. Steve, WB9ZIY, will have a presentation on a 160 m shortened dipole. And, similar to last year's emergency preparedness setup contest, we would like as many as possible to bring their portable antenna setup to the meeting. Whether it is HF, VHF, UHF, or microwave; we will have the portable setups around the room and everyone can have a change to learn about your portable setup. Verticals, wires, hamstick dipoles, or misc. homebrew; let's have a little bit of everything there. It will be a learning experience for everyone.

The April general meeting will be back on the third Friday of the Month. Then the May general meeting will be the second Friday of the month. Our schedule conflict in May will be with the Dayton Hamvention. The Hamvention will be starting on the third Friday in May and we will have a lot of people heading down to Dayton.

The May general meeting will be our annual spring banquet. Right now we are also hoping to have representatives from the IIT rocket launch team at the banquet. They are using ATV and there will be video from the launch. This should be even better than the video from last year so it will very interesting.

Wow, we are talking about May already. And the next major event after the Hamvention is Field Day! We are tentatively scheduled to be back at the Girl Scout Camp this year. There are a few rules changes this year but nothing major. I expect our setup will be very much like last year. And, of course, we will have QRP night on Friday night June 24th.

There is nothing new to report on the possible location of the 146.76 repeater. We have filed paperwork with AEP to possibly move to one of their towers at the Robison Park substation. And we have safely moved our little building out to Jim's, K9OMA, property. We are waiting to see what AEP is going to do at this point. We will share all the information that we have as soon as we have new information to report.

There is no lack of activities for the amateurs in Northeast Indiana so please make sure you take advantage of some of these activities. See you at the meeting on the 11th.

Tom / N9TB

**March Meeting:  
Fri, Mar. 11, 7:00 PM  
Program: Portable  
Antennas**



## Fort Wayne Radio Club Auction Results for 2005

This year the annual Fort Wayne Radio Club auction was held on January 17, 2005. There were 33 attendees who signed out an identifying number for the auction. Sellers and buyers of the auction items use the identifying numbers rather than names or call signs. Those who came to watch and not participate in the auction activity did not need to take an identifying number, and were not counted in the attendance list.

A total of \$241.10 changed hands this year. The highest auction value for a single item was \$45.00. The lowest auction value for a single item was \$0.10. This year there were 40 items successfully auctioned.

The benefit to the Fort Wayne Radio Club was \$32.66, which was composed of \$9.50 sold for the benefit of the club, and \$23.16 received as fees from the sellers of the equipment. The club charges the sellers a 10% fee of the selling price as a fund raising activity for the club.

The auction benefit to the club in past years was greater than it was for this year. In 2004, the value of items sold for the benefit of the club was \$88.35, and fees of \$23.81 were received. The total benefit to the club for 2004 was \$112.16. In 2003, the value of items sold for the benefit of the club was \$58.05, and the total benefit to the club was \$79.80.

Bob, W8ST, Treasurer

## FCC Morse, Restructuring Proposals Could Hit The Street By Mid-year



from *The ARRL Letter* – The FCC continues to work toward developing a Notice of Proposed Rule Making (NPRM) that will spell out what the Commission has in mind with respect to possible changes in the current Morse code requirement and Amateur Radio licensing.

A total of 18 petitions have been filed, including one from the ARRL, seeking Part 97 rule changes addressing the future of the 5 WPM Morse requirement (Element 1) and revisions to the overall Amateur Radio licensing structure. The FCC is planning to tackle all 18 rulemaking petitions within the framework of a single proceeding.

Continued on pg.5

## The DX Magazine Issues Most-wanted DXCC Entities Survey Results

from *The ARRL Letter* – According to 2004 survey results published in the January/February issue of The DX Magazine <<http://www.dxpub.com/>>, North Korea (P5) remains atop DXers' "most-wanted" lists for DXCC.



"It was a real surprise to see North Korea at the top of the most-wanted list," commented The Daily DX <<http://www.dailydx.com/>> Editor Bernie McClenney, W3UR. The most-recent P5 operation was by Ed Giorgadze, P5/4L4FN, in 2001 and 2002, during which he logged more than 16,000 QSOs.

Number two on the list is Andaman and Nicobar Islands (VU4), although a post-survey DXpedition in December likely diminished worldwide demand, despite being cut short by the tsunami.

In third place--but topping the list in four US time zones--was Scarborough Reef (BS7). Fourth is Lakshadweep (VU7), and fifth is Yemen (7O). A DXpedition set for this month from number six Peter Island (3Y/P) could blunt demand for that rare one. Rounding out the top 10 are Navassa Island (KP1) and Desecheo Island (KP5), both under jurisdiction of the US Fish and Wildlife Service which has denied visitation permission, Bouvet (3Y/B) and Kure Island (KH7K).

McClenney, who also edits "How's DX?" for QST, notes there's still a large demand for VU4, but he expressed guarded optimism that the VU4RBI/VU4NRO DXpedition's emergency communication operation following the December 29 earthquake and tsunami would make Indian authorities more willing to allow future DXpeditions. "Keep your fingers crossed," he said.

## Logbook Forms Now On-line

Need a logbook? Thanks to the efforts of the FWRC webmaster, Kevin Adam, N9IWW, a generalized logbook form in PDF format is now available on the FWRC website <<http://www.fortwayneradioclub.org/>>. Just click on the Printable Log Book Download link on the left side. Just print some of these off, punch, and put them into a binder.

While you are there, check out some of the other links.

# STATE OF THE ARTS

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

## ACARTS Officers

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## President's Message



March came in like lion, so if the old saying holds true, it will go out like a lamb. That means warm weather will be here to stay. It also means our thoughts will be turning to severe weather.

Last month's program was our annual Skywarn Training, and it was well attended. This month's program will be Part 2 of "How to Design a Web Page. It is a older presentation, and entertaining from the references to Windows 95, and dial up modems. It is interesting to see how much things have changed today. A reminder that the April program will be the Spring banquet. It will be at Ryan's Steakhouse on April 19th.

Another rite of spring is installing new antennas, or making repairs to the ones we have. Please be careful when you do the work. We want to see you around for a long time. Also be careful while you are out storm spotting. Remember what you learned from the spotter class. Do not take any chances.

We still need an Activities Manager. If you are interested let me know. In the meantime, the board has to come up with the programs. We can use your help with program ideas. If there is something you would like to see, let us know. If you know of someone who would be of interest, let us know. Well, that is all I have this month.

73,  
Vic, KA9LTV



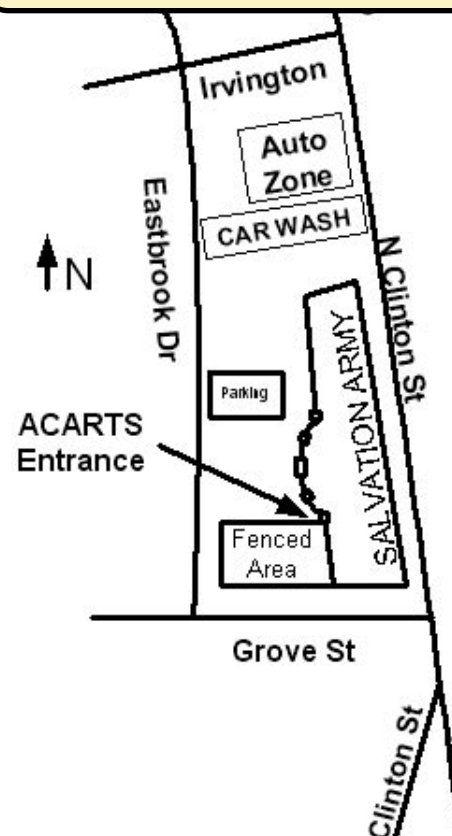
## Citizens' Emergency Response Team Training

About a dozen amateurs attended the CERT training program in January, getting some training in the basics of first aid, rescue, and other areas that might be needed in an emergency situation. There are 3 more classes planned this year, tentatively April 9, 10, 16, Sept. 17, 18, 24, and Nov. 5, 6, 12. If you are interested in attending, contact the Emergency Management office at 449-7684. - Howard R Pletcher, N9ADS

## Meeting Schedule

**ACARTS Mar. Meeting:** Tue, Mar.  
15 Program: Web Page Design

**Next Board Meeting:** 3/8/05  
All members are encouraged to attend.





## FCC Proposes Holding The Line On Vanity Call Sign Fee



from *The ARRL Letter* – The FCC has proposed retaining the current \$20.80 Amateur Radio vanity call sign regulatory fee for the 10-year license term. The fee went from \$16.30 to \$20.80 last August. In a Notice of Proposed Rulemaking (NPRM), “Assessment and Collection of Regulatory Fees for Fiscal Year 2005” (MD Docket 05-59) released February 15, the FCC says it’s proposing to collect more than \$280 million in regulatory fees for fiscal year 2005, as mandated by Congress “to recover the regulatory costs associated with the Commission’s enforcement, policy and rulemaking, user information, and international activities.”

The FCC anticipates 8000 vanity call sign applications during FY2005--up from 7800 applications in FY2004--and it expects to raise \$166,443 from vanity call sign fees.

More information on vanity call signs is available on the ARRL Web site <<http://www.arrl.org/arrlvec/vanity.html>>.

## Restructuring, continued from pg 3

As far as the code issue is concerned, petitions--and comments in response to them--run the gamut from retaining or even beefing up the Morse requirement to eliminating it altogether. (The ARRL’s proposal would retain the 5 WPM Morse examination for Amateur Extra class applicants only.) The League and others have also put forth proposals for a new entry-level Amateur Radio license class.

At this point, personnel in the FCC Wireless Telecommunications Bureau are continuing to review the thousands of comments filed on the 18 petitions. While the FCC appears unlikely to release an NPRM any sooner than mid-2005, the issue still may be a major discussion topic during the FCC Forum at Dayton Hamvention, May 20-22.

Once public, the NPRM will initiate yet another round of public comments--this time on what the FCC has proposed. An FCC Report and Order to implement any new rules regarding Morse code and license restructuring is unlikely before the second half of 2006, although it’s possible the Commission could wrap up the proceeding before then.

## February 2005 ACARTS Board Meeting Minutes



The meeting was called to order by Vic, KA9LTV.

Vic asked if there were any suggestions for the March meeting program.

Vic said that the April meeting would be the Spring Banquet at Ryan’s. The cost per person is about the same at Ryan’s as buying chicken and having the banquet at the Salvation Army Center.

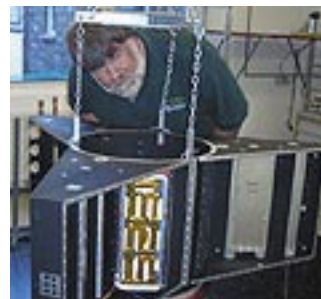
There was no other new or old business.

The meeting was adjourned at 8:07 pm.

Submitted by Dave Lindquist, W9LKH

## AMSAT-DL Reviews P3E Satellite Design

from *The ARRL Letter* – An international team gathered in Marburg, Germany, in late January to review progress on the Phase 3 Express (P3E) Amateur Radio satellite--essentially a scaled-down and less-complex version of the now-defunct AO-40. The meeting focused on the design of the integrated housekeeping unit (IHU-3) computer and the “CAN-Do interface.” AMSAT-NA is a partner in the P3E high-altitude, elliptical-orbit satellite, a prelude to the ambitious Mars-orbiting P5A spacecraft, and AMSAT-NA President Rick Hambly, W2GPS, was among those attending the gathering January 26-30. Being developed under AMSAT-DL leadership, P3E will provide a test bench for technology under development for the subsequent Mars mission. Launch is planned sometime before the end of 2006. The P3E satellite will offer both analog and digital communication on VHF through microwave. There’s more information on P3E and P5A on the AMSAT-DL Web site <<http://www.amsat-dl.org/>>.--AMSAT News Service





## Repeater ABC's - (Part 1 of a series), Eric Jessen, N8AUC

Reprinted with permission from The Spirit of '76 and '88 - Newsletter of the Lake Erie Amateur Radio Association

This is the first of a series of articles designed to help the newcomer (or not so newcomer) get the most out of repeater operation in general, and LEARA's repeaters in particular.

FM Repeater operation can be loads of fun. Especially during drive time. Nothing makes the miles go by quicker than a good conversation! It can also be a tremendous tool that can be used to help others under lots of different circumstances. But, like anything else, in order to get the most out of it, some understanding must be obtained first. After all, what good are the best, most full-featured repeaters in the Cleveland area if you don't know how to use them?

If you're like most new hams, your first radio is likely to be a handi-talkie, often referred to as an "HT". Modern HTs are pretty amazing little devices, and possess a lot of versatility. But they can also cause you a lot of problems if not used properly.

An HT is primarily designed to be used as a portable, self-contained, hand-held unit. That's why they have those tiny little antennas, and rechargeable battery packs, to make them easy to carry around with you. They're great for use at public service events. But with the addition of some proper accessories, they can be used for much more than that.

If you intend on operating your HT from an automobile, as a substitute for a mobile rig, please don't use the supplied flexible antenna (called a rubber ducky) inside the vehicle. LEARA's repeaters are designed to provide county wide coverage of Cuyahoga County from a 10 watt mobile radio with a 1/4 wave vertical antenna in the center of the car roof. They actually give better coverage than that. But if you have less radio and antenna than that specified, your coverage will suffer as a result.

Since the car body is normally grounded, if you use your rubber ducky in the car, most of your transmitted signal will be shunted to ground by the vehicle body, instead of reaching out to hit a repeater input. Some signal will "leak out" around the vehicle windows, and in a few locations, this may be enough to give you a good signal into the repeater. Most of the time though, it rarely works well at all.

Your goal is to have a noise free signal into the repeater. This is called being "full quieting". You will seldom be full quieting by using your rubber duck inside a car, a bus, or a rapid transit train, even though you may hear the repeater just fine. When I was a lot younger, I used to try this quite frequently. This is a lesson I learned the hard way.

When operating from a vehicle, you really want your antenna outside the vehicle. The easiest and least expensive way to do this is with a magnet mount antenna on the vehicle roof. Run the coax in through an open window, or through the weather stripping of a door seal, and your little "5 watt wonder" will work much better. The difference will be like night and day! A decent magnet mount antenna will set you back anywhere from \$15 to \$50, depending on what you buy and where you buy it.

Some people will tell you that "you aren't a real ham until you drill a hole in your car to install a permanent antenna mount". Well, I don't know about that. It took a lot of years for me to get up the nerve to drill a hole in MY car. I will say this though, that is how you get the cleanest, neatest mobile installations. And they do seem to work better. But there is nothing wrong with a magnet mount. Antennas that mount on the window glass can work quite well, too. Generally they don't work as well as a magnet mount. But I've used them with rather good success. The upside to an on-glass mount is that you won't scratch or mar your vehicle finish with one. Modern units are even made to look like cellular phone antennas, which makes them very inconspicuous in a parking lot.

Another weapon in your arsenal is "the brick". No, not like the ones you use to build a house! In this case "the brick" is an external RF power amplifier. Years ago, these little gems got their nickname because they were about the size, and weight of a brick. Like everything else these days, modern "bricks" are smaller and lighter. For less than \$100, one of these amplifiers will take 1-5 watts of signal from your radio, and give you 30-40 watts of RF output power. This is almost as much as a full fledged mobile radio. Some "bricks" even have receiver preamplifiers built in to boost your receiver sensitivity. As an added side benefit, these amplifiers have tuned circuits in them that will act as a band pass filter, and depending on how the unit you choose is designed and built, it may even reduce the amount of "intermod" you experience. If you must use an HT as a mobile rig, having a brick to call your own can be a real advantage.

**Continued on page 10**

## Renew your Amateur License at the FCC Web Site On-Line – Its EASY! by Steve Chobot ~ WB9RKB

(A little harder you cannot be on the Internet and phone at the same time.)

It was 2/15/2005 and I had to renew my Ham License by 3/8/05 so I went to the FCC web site to see what I had to do. Found the forms I needed #605; but I did not know if there were any renewal fees; and I had no idea what my FRN# or Password was. I called a number I found on the FCC Web Site (877) 480-3201 and choose option 2 for help from a “real person” who knew all about Licensing Support & Form Issues (including Amateur “stuff”). It took less than 5 minutes and the renewal will be in my hands in 5-10 days. That is EASY!

If you can be on the Internet and the phone at the same time – HERE IS HOW:

1. It helps if you have info like your SS#, FRN#, your Ham License, ready

- You can get your **FRN Number** and other license information at

<https://secure.qrz.com/lrs>. Just enter Your Call – WB9RKB (<My Call) and print the page.

- You can see get a paper Form #605 on the FCC Web Site at

<http://www.fcc.gov/formpage.html>. Just go down the page to Form No.605 and select and print it (in PDF format.) It helped me to fill in the form as best as I could first and it was easier when I was entering the same information On Line. You can mail in the form but it takes time to get there and then 30 days for a reply. On Line renewal takes 5-10 days from the last SUBMIT!.

- There are NO Fees for an Amateur License Renewal.

2. It helps to be at the FCC Universal Licensing Systems page first <http://wireless.fcc.gov/uls/>.

3. Then call a Licensing and Support and Forms Issues support person at (877) 480-3201 select option 2 and ask them to help you through the On Line Renewal process for an Amateur License renewal.

- Answer thier questions and follow their directions. My support person was helpful, considerate, and easy to follow. They also tell you how to

answer the “pick one” and “Yes/No” questions on 605 universal form as it applied to an amateur renewal.



- They will provide you with a temporary Password and later show you to how to change FRN information including setting up a permanent FRN Password. As the FCC License data base is different from the FRN database.

- It took less than 5 minutes for the whole process and they told me what pages to print and keep for my records.

- I thanked her and gave her an 11 rating on a 1 (worst) to 10 (best) grading scale.

- I am currently - patiently waiting by my mail box for the renewed Amateur License to arrive before 3/8/2005.

Note: Current Practice - if your Amateur License expires before you receive the renewal license you CAN-NOT operate until your new license arrives.

4. If you have to use a paper 605 for renewal Amateur License renewal, the FCC Address is:

FCC  
1270 Fairfield Rd  
Gettysburg, PA 17325-7245

Hope this helps. Thanks to Larry Temmenoff, KB9OS for pointing me to Jim Moehering, KB9WWM and for Jim for pointing me to the QRZ.com site specifically <https://secure.qrz.com/lrs> page.

Steve Chobot WB9RKB  
Steve@Chobot.com  
(260) 485-9714

## DXCC Desk Approve Andaman and Nicobar Islands Operation

from *The ARRL Letter* – The ARRL DXCC Desk has approved the VU4RBI and VU4NRO Andaman and Nicobar Islands operation from November 30 through December 31, 2004, for DXCC credit. For more information, visit the DXCC Web page. “DXCC Frequently Asked Questions” <<http://www.arrl.org/awards/dxcc/faq/>> can answer most questions about the DXCC program. Current ARRL DX bulletins are available on the W1AW DX Bulletins for 2004 page <<http://www.arrl.org/w1aw/dx/>>.



## kHz, MHz, Oh how it Hz!

Vic Guess, WB9UZA



Abbreviations – we see them in every technical article and often see them improperly used on the Web. From looking at reader comments on web pages it is quite evident that many writers never studied metric system units and their abbreviations. Some of the member submitted articles for this newsletter also fit into the same category. Hmm... is it Mhz, MHz, or MHz?

Below are just a few of the common units with their proper abbreviations that are used in amateur radio. Please take careful note of the spacing and capitalization. Capitalization is extremely important in abbreviating units. For instance, m is the abbreviation for milli ( $10^{-3}$ ), whereas M is for mega ( $10^6$ ). Note, some abbreviations have several meanings.

Always put a space between the *number* and *unit*, e.g., 1.25 m, 45 cm.

### Powers of 10

T – tera ( $10^{12}$ )  
 G – giga ( $10^9$ )  
 M – mega ( $10^6$ )  
 k – kilo ( $10^3$ )  
 m – milli ( $10^{-3}$ )  
 c – centi ( $10^{-2}$ )  
 $\mu$  – micro ( $10^{-6}$ )  
 n – nano ( $10^{-9}$ )  
 p – pico ( $10^{-12}$ )

### Electrical Units

A – ampere  
 H – henry  
 Hz – hertz  
 F – farad  
 $\Omega$  – ohm  
 V – volt  
 W – watt

### Length

m – meter  
 in. – inch  
 ft – foot  
 yd – yard

### Combinations

General rule: [power of ten][unit]

Examples:

kHz – kilohertz  
 MHz – megahertz  
 nF – nanofarad  
 k $\Omega$  – kilohm

### Misc.

CPU – central processing unit  
 NiCd – nickel cadmium  
 mic – microphone

Those are just a bare sampling of abbreviations. For more please see Chapter 30 of the ARRL Handbook. An excellent web site reference for scientific abbreviations is <<http://abacus.bates.edu/~ganderso/biology/resources/writing/HTWabbr.html#top>>.

## Amateur Radio Spectrum Protection Act Of 2005 Introduced



from *The ARRL Letter* – At the urging of the ARRL, Rep Michael Bilirakis (R-FL) has introduced The Amateur Radio Spectrum Act of 2005 into the US House of Representatives. The bill, designated HR 691, has been referred to the House Energy and Commerce Committee where Bilirakis serves as

vice chairman. Like previous versions of the proposal, the current measure would require the FCC to provide “equivalent replacement spectrum” to Amateur Radio if the FCC reallocates primary amateur frequencies, reduces any secondary amateur allocations, or makes additional allocations within such bands that would substantially reduce their utility to amateurs. ARRL President Jim Haynie, W5JBP, expressed his appreciation to Bilirakis this week.

“As president of the American Radio League and on behalf of the more than 670,000 federally licensed Amateur Radio operators throughout the country, I would like to thank you for once again sponsoring the ‘Amateur Radio Spectrum Protection Act,’” Haynie told the Florida Republican. “As you know, this legislation is vital for ensuring that the Amateur Radio Service, the only 100-percent fail safe emergency communication capability, remains a viable public safety option.”

HR 691 references Amateur Radio’s role in providing “voluntary, noncommercial radio service, particularly emergency communications,” and it points out that hams have “consistently and reliably” provided communication support in the event of emergencies and disasters including tornadoes and hurricanes, chemical spills, forest fires and rail accidents. As the measure notes, FCC actions already have led to the loss of at least 107 MHz of spectrum to radio amateurs.

Rep Roscoe Bartlett (R-MD) has signed on as the bill’s

**Continued on pg. 10**



## Test Points

26-Mar-2005

Sponsor: UNSPONSORED

Time: 2:00 PM (No walk-ins)

Contact: WALTER C VOGEL

(419)394-2976

Email: AWVOGEL@BRIGHT.NET

VEC: ARRL/VEC

Location: VAN WERT COUNTY EMA

1220 OLD LINCOLN HWY

HOMELAND SECURITY BUILDING

VAN WERT, OH 45891

26-Mar-2005

Sponsor: W5YI-VEC -- WHITLEY COUNTY ARC

Time: 9:00 AM (Walk-ins allowed)

Contact: ROGER L MC ENTARFER

(260)503-9008

Email: N9QCL@ARRL.NET

VEC: W5YI VEC

Location: WHITLEY COUNTY JAIL

BASEMENT MEETING ROOM

101 W MARKET ST - SUITE C

COLUMBIA CITY, IN 46725

14-Apr-2005

Sponsor: GOSHEN ARC

Time: 7:00 PM (Walk-ins allowed)

Contact: PAUL F COREY

(574)262-4414

Email: PAUL.CORY.B@BAYER.COM WORK

VEC: ARRL/VEC

Location: GREENCROFT RETIREMENT CENTER

HOMAN BUILDING

GREENCROFT BLVD

GOSHEN, IN 46525

28-May-2005

Sponsor: W5YI-VEC -- WHITLEY COUNTY ARC

Time: 9:00 AM (Walk-ins allowed)

Contact: ROGER L MC ENTARFER

(260)503-9008

Email: N9QCL@ARRL.NET

VEC: W5YI VEC

Location: WHITLEY COUNTY JAIL

BASEMENT MEETING ROOM

101 W MARKET ST - SUITE C

COLUMBIA CITY, IN 46725

28-May-2005

Sponsor: UNSPONSORED

Time: 2:00 PM (No walk-ins)

Contact: ROBERT E HIGH

(419)795-5763

VEC: ARRL/VEC

Location: VAN WERT COUNTY EMA

1220 OLD LINCOLN HWY

HOMELAND SECURITY BUILDING

VAN WERT, OH 45891



## 2005 Foxhunt Schedule

March 6 – 1:30 PM

April 3 – 1:30 PM

May 2 – 6:30 PM

June 6 – 6:30 PM

July 11 – 6:30 PM

Aug 1 – 6:30 PM

Sept 12 – 6:30 PM

Oct 3 – 6:30 PM

Nov 6 – 1:30 PM

Dec. – none



All foxhunts start at off track betting parking lot,  
Washington Ctr. & Lima Rds.

Carl, N9NRO

## Regional Hamfests

Date	Location	Contact Phone	URL or E-mail
19 Mar 2005	Marshall, MI	269-962-2006	<a href="http://www.qsl.net/w8df">http://www.qsl.net/w8df</a>
20 Mar 2005	Maumee, OH	419-385-5624	<a href="http://tmrahamradio.org">http://tmrahamradio.org</a>
26 Mar 2005	Michigan City, IN	219-325-9089	<a href="http://www.w9ly.org">http://www.w9ly.org</a>
2 Apr 2005	Columbus, IN	812-342-4670	<a href="mailto:carc_in@yahoo.com">carc_in@yahoo.com</a>
17 Apr 2005	Cuyahoga Falls, OH	330-688-2013	<a href="http://www.cfarc.org">http://www.cfarc.org</a>
7 May 2005	Cadillac, MI	231-743-6860	<a href="http://members.fortunecity.com/wexauke">http://members.fortunecity.com/wexauke</a>
20-22 May 2005	Dayton, OH	937-255-3947	<a href="http://www.hamvention.org">http://www.hamvention.org</a>

For more complete information go to <http://www.acarts.com/hamfests.htm> or <http://www.arrl.org/hamfests.html#listing>



## For Sale & Wanted

### For Sale:

- Pacific Digital 52x24x52 CD burner, IDE internal, Nero software, like new, in box, \$30,

- VHF amp, 100 W, mfg. by TPL, \$70

contact:

Vic Guess, WB9UZA

wb9uza@arrl.net

260-485-7472.

\* \* \*

### For Sale:

#### • ARRL Handbooks:

- from 1947 and 1949 - Fair condition. Missing covers. Complete and pages in good condition. \$5 each
- from 1978 - Excellent condition. \$7.50
- from 1990 and 1994 - Hard Cover. Excellent condition. \$15 each
- from 2002. Like new. \$20

- MFJ 407C Electronic Keyer. \$50

- Heil Gold Line Mic model GM-5. HC-5 element. Includes original packaging, CC-1-Y cable (for Yaesu radios 8 pin), TB-1 Table stand (Cast Iron base and arm). All items are in like new condition. \$150.00

- INRAD 500 Hz filter for the Yaesu FT-1000MP MK V and MK V Field radios. Filter is for the 455 kHz if and will mount in either the main or aux receiver positions. LN in original box. \$100.00

Trades considered and all reasonable offers considered.

Contact:

Mike Stover W9MWS

Fort Wayne, IN 46835

w9mws@arrl.net

(260) 485-7448

## Repeater Basics, Pt. 1, cont. from pg. 6

All this is beginning to sound expensive, isn't it?

Here's a dirty little secret. By the time you have purchased your HT, and an antenna, and a brick, you could have had a real mobile radio that has a better, more interference resistant receiver, lots more receive audio volume (which helps overcome road noise in the car), and more RF power output, for less money. Good, single band, 2m mobile radios can be had for about \$150 (or less if you catch a sale).

The bottom line:

- 1) Your goal is to be "full quieting" into the repeater.
- 2) Don't use an HT with a rubber duck inside the car.
- 3) If you must use an HT as a mobile rig, proper accessories aren't optional equipment.
- 4) You might save a few bucks by using a real mobile rig in your car, and enjoy better performance as a result!

See YOU on the air!

## Spectrum Protection Bill, cont'd.

first co-sponsor. Bartlett chairs the Projection Forces Subcommittee of the Armed Services Committee. One of three scientists in the 109th Congress, Bartlett also is a senior member of the House Science Committee.

Efforts now will focus on attracting additional cosponsors for the legislation. The League is encouraging members to urge their congressional representatives to sign aboard HR 691. A sample letter is available on the ARRL Web site <<http://www.arrl.org/govrelations/hr-691-sample-letter.html>>. More than 100 lawmakers agreed to cosponsor similar legislation in the 108th Congress, where it was designated HR 713. Work is proceeding to have identical legislation introduced in the US Senate.

The text of HR 691 is available on the Government Printing Office Web site <[http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109\\_cong\\_bills&docid=f:h691ih.txt.pdf](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109_cong_bills&docid=f:h691ih.txt.pdf)>.

For general guidance on the best methods of contacting your members of Congress, see "Communicating with Congress," by Derek Riker, KB3JLF, on the ARRL Web site <<http://www.arrl.org/news/bandthreat/0304046.pdf>>.

## Membership Application for ☐ FWRC - and/or - ☐ ACARTS

Name: \_\_\_\_\_ Call sign: \_\_\_\_\_ License class: \_\_\_\_\_

Street address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_-4 Phone #: (\_\_\_\_\_) \_\_\_\_\_-\_\_\_\_\_ Unlisted? ☐ Yes

Email address: \_\_\_\_\_ ARRL Member? ☐ Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$6.00/yr. premium.

How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

### Fort Wayne Radio Club Dues

- |                                   |   |
|-----------------------------------|---|
| Regular membership                | <input type="checkbox"/> \$15.00 / year |
| Family membership <sup>1</sup>    | <input type="checkbox"/> \$21.00 / year |
| Student membership <sup>2</sup>   | <input type="checkbox"/> \$6.00 / year  |
| Associate membership <sup>3</sup> | <input type="checkbox"/> \$15.00 / year |
| Mailed newsletter                 | <input type="checkbox"/> \$6.00 / year  |

(Memberships for Jul - Dec are 1/2 the stated amounts.)

### A.C.A.R.T.S. Dues

- |  |   |
|--|---|
| Regular membership                     | <input type="checkbox"/> \$12.00 / year |
| Additional family members <sup>1</sup> | <input type="checkbox"/> \$6.00 / year  |
| Student membership <sup>2</sup>        | <input type="checkbox"/> \$6.00 / year  |
| Associate membership <sup>3</sup>      | <input type="checkbox"/> \$6.00 / year  |

(New Regular memberships are \$1/month)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. unlicensed member

4. 9 digit ZIP code required for US bulk mail

Please attach a check (number \_\_\_\_\_) for the appropriate amount and bring to a club meeting or mail to:

Fort Wayne Radio Club  
PO Box 15127  
Fort Wayne, IN 46885

A.C.A.R.T.S.  
PO Box 10342  
Fort Wayne, IN 46851

For dual membership, fill out both sides and send 2 checks to either club. **Payment by check is strongly encouraged!**

### ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority  
147.255 (+) General use / Autopatch priority\*  
443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

### ACARTS Digital Repeaters (digipeaters)

144.390 (s) APRS - wide

### Fort Wayne Radio Club Repeaters

Voice: 146.76 (-) General use  
146.94 (-) General use with autopatch  
146.91 (-) Autopatch only  
444.875 (+) General use  
ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

### Area Traffic Nets

(please submit any changes or corrections to the editor)

**IMO:** meets nightly at 6:30 p.m. (2330 UTC) on 146.88

**Auburn:** meets Mon., Tue., Wed., Thur., Fri., & Sat. at 6 p.m. (2300 UTC) on 147.36(+)

**21 Repeater Group:** meets each Wednesday at 9 p.m. (0200 UTC) on 147.150

**Helping Hams Net:** Mondays @ 9:00 p.m. 146.94(-)

### Miscellaneous Nets

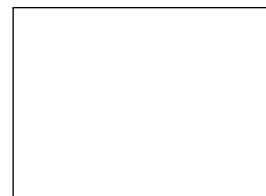
**Huntington ARES:** Saturday at 8:00 p.m. (0100 UTC) on 146.685

**Whitley Co. / ARES:** Wednesdays at 7:15 p.m. (0015 UTC) on 145.270 (Note 131.8 PL disabled for all nets)

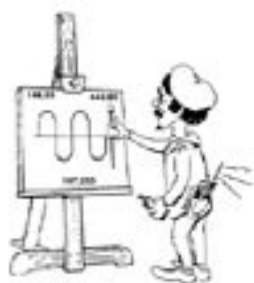
**Whitley Co. Sunday:** Sundays at 7:45 p.m. (0045 UTC) on 444.550 +. (The 146.460 simplex crossbanding from both nets has been dropped.)

**160 Meter "No-Name" Net:** Sunday and Wednesday nights at 8:00 PM Indiana time (0100 UTC). On 1966 kHz. Everyone welcome!

Allen County HamNews  
PO BOX 10342  
FORT WAYNE, IN 46851



TO:



W9INX/R



## Activities Calendar



Date	Time	Event	Place
3/8/05	7:30 PM	ACARTS Board Meeting	Salvation Army Center
3/11/05	7:00 PM	FWRC Meeting	GSUMC
3/12/05	8 AM-4 PM	Advanced Weather Spotter Training	Elkhart Central H.S.
3/15/05	7:30 PM	ACARTS General Meeting	Salvation Army Center
4/1/05		deadline for Apr. ACHN items	
4/3/05	1:30 PM	Foxhunt off track betting parking lot, Washington Ctr. & Lima Rds.	
4/5/05	7:00 PM	FWRC Board Meeting	GSUMC
4/12/05	7:30 PM	ACARTS Board Meeting	Salvation Army Center
4/15/05	7:00 PM	FWRC Meeting	GSUMC
4/19/05	7:00 PM	ACARTS Spring Banquet	Ryan's Steakhouse
4/30/05		deadline for May ACHN items	
5/2/05	6:30 PM	Foxhunt off track betting parking lot, Washington Ctr. & Lima Rds.	
5/3/05	7:00 PM	FWRC Board Meeting	GSUMC
5/10/05	7:30 PM	ACARTS Board Meeting	Salvation Army Center
5/13/05	7:00 PM	FWRC Meeting	GSUMC
5/17/05	7:30 PM	ACARTS General Meeting	Salvation Army Center
5/20-22/05		Dayton Hamfest	Dayton, OH